Medium-Mu Triode-**Sharp-Cutoff Pentode**

9-PIN MINIATURE TYPE

For Use in Low-B+ Black-and-White TV Receivers Having Low-Voltage Power Supplies

ELECTRICAL CHARACTERISTICS

Bogey Valuesa

	Heater Voltage (AC or DC) Eh 6.3 V Heater Current Ih 0.775 A Direct Interelectrode Capacitances Without external shield Triode Unit:							
	Grid to plate							
	Grid No.1 to plate							
	For the following characteristics, see Conditions							
	Triode Pentode Unit Unit							
	$\begin{array}{cccccccccccccccccccccccccccccccccccc$							
	$\begin{array}{llllllllllllllllllllllllllllllllllll$							
	Cathode Resistor R_k 68 82 68 Ω							
MECHANICAL CHARACTERISTICS								
	Operating Position.							

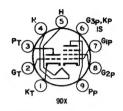
TERMINAL DIAGRAM (Bottom View)

Pin	1-Triode	Cathode
Pin	2-Triode	Grid
Pin	3-Triode	Plate
Pin	4 - Heater	
Pin	5 - Heater	

Pin 6-Pentode Grid No.3, Pentode Cathode. Internal Shield

Pin 7-Pentode Grid No.1 Pin 8 - Pentode Grid No. 2

Pin 9 - Pentode Plate



DESIGN-MAXIMUM RATINGS

For	operation	as	α	Class	A_1	Amplifier Tube
						Trinde Pentade

		Unit	Unit	
DC Plate Voltage	. E _b	300	300	٧
DC Grid-No.2 (Screen-Grid) Supply Voltage	. Ecc2	-	300	٧
DC Grid-No.2 Voltage	. E _{c2}		e Grid-N lating Ch	
at	front of Red			
DC Grid-No.1(Control-Grid)				
Voltage Positive-bias value	. Ecl	0	0	٧
Heater-Cathode Voltage			••	
Peak		±2	00 00	V
Average ^b		5.7 t		v
Grid-No.2 input	P _{q2}	3.7 6	0 0.3	•
For $E_{c2} \leq 150 \text{ V} \cdot \cdot \cdot \cdot \cdot$. · gz	-	J	W
For $E_{c2} \ge 150 \text{ V}$ and $\le 300 \text{ V}$		- Se	e Grid-N	lo.2
			lating Ch	
	front of Re			
Plate Dissipation	. Pb	2	5	W

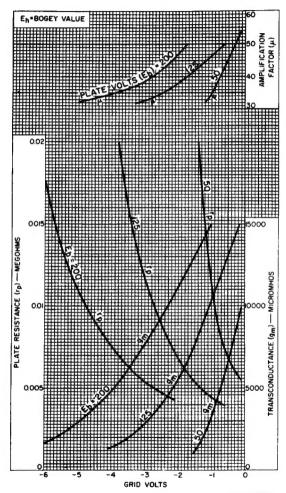
MAXIMUM CIRCUIT VALUES

		Triode	Pentode Unit	
Grid-No.1 Circuit Resistance	Rai(ckt)		Unit	
For fixed-bias operation.		0.5	0.1	$M\Omega$
For cathode-bias operation.		í	0.25	MO

Unless otherwise specified.

Measured with a dc meter.

Typical Characteristics Triode Unit

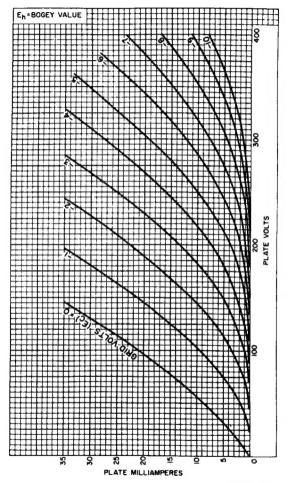


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Typical Plate Characteristics

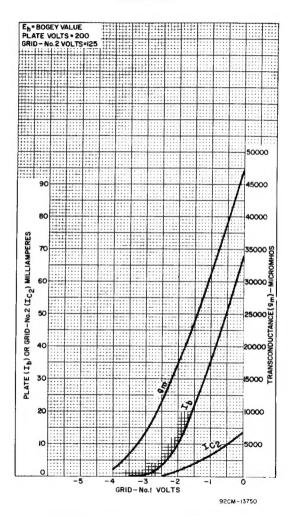
Triode Unit



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Typical Characteristics

Pentode Unit



Typical Plate Characteristics Pentode Unit

